

IN THE SPECIFICATION

Please amend the paragraph beginning at page 11, line 17, as follows:

FIG. 4 shows a directed set constructed from the concepts of FIG. 3. For each concept in the directed set, there is at least one chain extending from maximal element "thing" 305 to the concept. These chains are composed of directed links, such as links 405, 410, and 415, between pairs of concepts. In the directed set of FIG. 4, every chain from maximal element "thing" must pass through either "energy" 420 or "category" 425. Further, there can be more than one chain extending from maximal element "thing" 305 to any concept. For example, there are four chains extending from "thing" 305 to "adult human" 315: two go along link 410 extending out of "being" 435, and two go along link 415 extending out of "adult" 445. As should be clear, for any given directed link, one of the concepts is the source of the directed link, and the other directed link is the destination (or sink) of the directed link.

Please add the following paragraph before page 11, line 26:

In a chain, for any pair of concepts, one concept is closer to the maximal element than the other; the concept closer to the maximal element can be considered a lineal ancestor of the other concept. (Conversely, the second concept can be considered a lineal descendant of the first concept.) The maximal element is, by definition, closer to itself than any of the other concepts; therefore, the maximal element can be thought of as a lineal ancestor of all other concepts in the directed set (and all other concepts in the directed set can be considered lineal descendants of the maximal element).